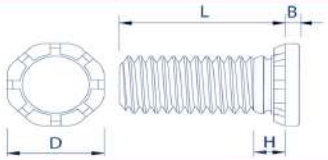
SOURCING STORING SUPPLY

Hi Strength Studs

Part Code:
MV-HFH / MV-HFHS

Zinc Plated Steel: MV-HFH | Stainless Steel: MV-HFHS



Metric Dimensions

Thread	M5	M6	M8	M10
D ±0.25	7.8	9.4	12.5	15.7
H max	2.7	2.8	3.5	4.1
B max	1.14	1.27	1.78	2.29
Min rec sheet thickness	1.3	1.5	2	2.3
Hole +0.13 -0.0	5	6	8	10
Min distance to edge of sheet	10.7	11.5	12.7	13.7

Preferred Range

Thread size*Pitch		M5*0.8	M6*1	M8*1.25	M10*1.25
Length ±0.4	10		•		
	12		•	•	
	15	•	•	•	•
	16			•	
	18			•	
	20	•	•	•	•
	25		•	•	•
	30		•	•	•
	35		•	•	•
	40		•	•	•
	45				
	50			•	•

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693/186/16 | Kanika Nagar | Kachanayakana Halli | Bommasandra Ind. Area | Bangalore - 99

MV DESIGNS & FASTENERS

SOURCING STORING SUPPLY

Hi Strength Studs

Part Code:
MV-HFH / MV-HFHS

Metric Performance Data: MV-HFH

Thread		M5	M6	M8	M10
Test sheet thickness	Aluminium	1.5	1.5	2.3	2.4
	Steel				
Test sheet hardness (HRB)	Aluminium	15	43	39	39
	Steel	65	59	58	58
Installation (kN)	Aluminium	14	30	36	41
	Steel	27	34	45	55
Pushout (N)	Aluminium	805	1280	1750	2450
	Steel	1550	1780	2210	3475
Torque-out (Nm)	Aluminium	5.4	14.5	30.1	36
	Steel	7.7	14.5	30.1	49.5

Metric Performance Data: MV-HFHS

Thread		M5	M6	M8	M10
Test sheet thickness	Aluminium	1.62	1.62	2.23	2.3
	Steel	1.5	1.6	2.48	2.3
Test sheet hardness (HRB)	Aluminium	35	35	44	44
	Steel	54	45	43	44
Installation (kN)	Aluminium	13	15.5	24.5	34
	Steel	22.5	25	38	47
Pushout (N)	Aluminium	805	1280	1700	2450
	Steel	1505	1780	2200	3500
Torque-out (Nm)	Aluminium	5.4	11.5	21	36.5
	Steel	6.5	11.5	21	36.5

These tests have been conducted in laboratory conditions, these figures should therefore be used for guidance only.

HFH - Recommended for use in steel or aluminium sheets: HRB 85 or less.
HFHS - Recommended for use in steel or aluminium sheets: HRB 70 or less.

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